

Serial No.: 09/466,325
Filing Date: 17 December 1999

33. (Amended) The apparatus of Claim 1, wherein each of said heaters comprise coils forming loops around each of said well structures along a length of said well structures.

Please add the following new claims 34 and 35:

34. (New) The apparatus of Claim 1, further comprising electrical connections to said well structures distributed three-dimensionally within said substantially monolithic structure.

35. (New) The apparatus of Claim 1, further comprising conductive pathways extending along and into the device, wherein the pathways make electrical connection to said heaters, coolers, or temperature monitors.

REMARKS

This Amendment and Response is submitted in response to the Office Action mailed 3 April 2002. Withdrawal of the rejection and reconsideration with an eye toward allowance is respectfully requested. A marked-up version of paragraphs and claims amended as above is attached herein, entitled **Version with Markings to Show Changes Made**. For the Examiner's convenience, a clean copy of all pending claims is attached, entitled **"Appendix A: Pending Claims"**.

Status of the Claims

Claims 1, 2, 6-8, 10-12, 14-23, 26-35 are pending in the application. Claims 1, 16, and 33 are amended in this response, and claims 34 and 35 added. Support for the above claim amendments and new claims can be found throughout the originally filed specification, claims and drawings. For example, support for the amendments to claims 1 and 16 can be found on page 7, lines 4-12. Support for amendments to claim 33 can be found on page 10, lines 21-25. Support for new claim 34 and 35 can be found on page 10, lines 17-20. Thus, no new matter is entered, and entry of the amendment is respectfully requested. Claims 1-33 stand rejected.

Claim Rejections - 35 U.S.C. §103

Claims 1, 2, 6-8, 10, 14, 17-23 and 28-33 were rejected under 35 U.S.C. §103(a) as being unpatentable over Hayes et al. (U.S. Patent Number 5,849,208) in view of Wilding et al. (U.S. Patent Number 5,587,128).